

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: February 26, 2002, 05:35:58 ; Search time 104.28 seconds
(without alignments)
2423.758 Million cell updates/sec

Title: US-09-602-833A-1
1116
Sequence: 1 atgggacataaagtcggtgtc.....cttagcctcaatttga 1116

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 351203 seqs, 113238999 residues

Total number of hits satisfying chosen parameters: 702406

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_NA:*
1: /cgn2_6/prodata/2/ina/5A_COMB.seq:*
2: /cgn2_6/prodata/2/ina/5B_COMB.seq:*
3: /cgn2_6/prodata/2/ina/5A_COMB.seq:*
4: /cgn2_6/prodata/2/ina/5B_COMB.seq:*
5: /cgn2_6/prodata/2/ina/ECTUS_COMB.seq:*
6: /cgn2_6/prodata/2/ina/backfillsl.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result	No.	Score	Query	Match	Length	ID	Description
C	1	53.6	4.8	7218	1	US-08-232-463-14	Sequence 14, Appl
	2	40	3.6	289	4	US-09-007-005-17	Sequence 17, Appl
	3	40	3.6	289	4	US-09-244-796-17	Sequence 17, Appl
	4	37	3.3	241	1	US-08-594-031-152	Sequence 152, App
	5	35.6	3.2	12225	2	US-08-822-445-11	Sequence 11, Appl
	6	35.6	3.2	12616	2	US-08-822-445-9	Sequence 9, Appl
	7	35.4	3.2	1095	1	US-08-423-564-3	Sequence 3, Appl
	8	35.4	3.2	1287	1	US-08-423-564-4	Sequence 4, Appl
	9	35.4	3.2	2168	1	US-08-423-564-7	Sequence 7, Appl
	10	35.4	3.2	2255	1	US-08-423-564-1	Sequence 1, Appl
	11	35.2	3.2	567	4	US-09-328-111-758	Sequence 758, App
	12	34.2	3.1	3573	4	US-09-353-585-4	Sequence 4, Appl
	13	34.2	3.1	6471	4	US-09-353-585-1	Sequence 1, Appl
	14	33.8	3.0	5394	3	US-08-688-376-1	Sequence 1, Appl
	15	33.6	3.0	3979	4	US-09-180-439-1	Sequence 1, Appl
	16	33.6	3.0	3979	4	US-09-180-439-2	Sequence 2, Appl
	17	33.6	3.0	4123	4	US-09-180-439-7	Sequence 7, Appl
	18	33.6	3.0	18596	4	US-09-318-448-11	Sequence 11, Appl
	19	32.8	2.9	1245	4	US-09-386-875-1	Sequence 1, Appl
	20	32.6	2.9	3541	4	US-09-180-439-5	Sequence 5, Appl
	21	32.4	2.9	1054	1	US-08-393-985-7	Sequence 7, Appl
	22	32.4	2.9	4156	1	US-08-465-687A-1	Sequence 1, Appl
	23	32.4	2.9	4156	3	US-09-030-970-1	Sequence 1, Appl
	24	32.4	2.9	4156	5	PCT-US94-11843-1	Sequence 1, Appl
	25	32.2	2.9	552	1	US-08-266-311-4	Sequence 4, Appl
	26	32.2	2.9	552	1	US-08-467-527A-4	Sequence 4, Appl
	27	32.2	2.9	552	4	US-08-467-528-4	Sequence 4, Appl

C	28	32.2	2.9	566	1	US-08-266-311-12	Sequence 12, Appl
	29	32.2	2.9	566	1	US-08-467-527A-12	Sequence 12, Appl
	30	32.2	2.9	566	4	US-08-467-528-12	Sequence 12, Appl
	31	32.2	2.9	2610	1	US-08-266-311-2	Sequence 2, Appl
	32	32.2	2.9	2610	1	US-08-467-527A-2	Sequence 2, Appl
	33	32.2	2.9	3868	1	US-08-467-528-2	Sequence 8, Appl
	34	32.2	2.9	3868	1	US-08-266-311-8	Sequence 8, Appl
	35	32.2	2.9	3868	1	US-08-467-527A-8	Sequence 8, Appl
	36	32.2	2.9	3868	4	US-08-467-528-8	Sequence 8, Appl
	37	32	2.9	1094	4	US-09-144-918-3	Sequence 3, Appl
	38	32	2.9	1400	4	US-09-144-918-1	Sequence 1, Appl
	39	32	2.9	4221	1	US-07-947-120-7	Sequence 7, Appl
	40	32	2.9	4221	1	US-08-472-893A-7	Sequence 7, Appl
	41	32	2.9	4221	3	US-08-947-492-7	Sequence 7, Appl
	42	32	2.9	4244	2	US-08-460-694-1	Sequence 1, Appl
	43	32	2.9	4244	3	US-08-460-744-1	Sequence 1, Appl
	44	32	2.9	4453	3	US-07-667-711B-1	Sequence 1, Appl
	45	32	2.9	4453	1	US-08-770-761A-4	Sequence 4, Appl

ALIGNMENTS

RESULT 1
US-08-232-463-14/C
; Sequence 14, Application US/08232463
; Patent No. 5670367
; GENERAL INFORMATION:
; APPLICANT: DORNER, F.
; APPLICANT: SCHEIFLINER, F.
; APPLICANT: FALKNER, F. G.
; TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
; NUMBER OF SEQUENCES: 52
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 1800 Diagonal Road, Suite 500
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-0299
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/232,463
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/935,313
; FILING DATE:
; APPLICATION NUMBER: EP 91 114 300.6
; FILING DATE: 26-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: BENT, Stephen A.
; REGISTRATION NUMBER: 29,768
; REFERENCE/DOCKET NUMBER: 30472/114 IMU
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)836-9300
; TELEFAX: (703)683-4109
; TELEX: 899149
; INFORMATION FOR SEQ. ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7218 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; CLONE: pTZ9pc-Fls
; US-08-232-463-14

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Query Match      4.8%; Score 53.6; DB 1; Length 7218;
Best Local Similarity 1.4%; Pred. NO. 2.1e-06;
Matches 5; Conservative 219; Mismatches 138; Indels 0; Gaps 0;

QY 28 attctgtcaccagagccttcttggaactctgtctcaagaagcacaagcttgagag 87
    ||||| : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 1443 ATTGGTACRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1384

QY 88 aagaggtgtgaagagccttgagaagagccttgagaagataaaggaagcttgagctt 147
    : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 1383 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1324

QY 148 gtggccgaatgcaggaagagcgcctcccaagcgtatatactgcagaatggtctcata 207
    : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 1323 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1264

QY 208 gacacacgcgtgcgctcttgacaaagtgaagaacactctcacaaagcagagttca 267
    : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 1263 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1204

QY 268 ctcccaagagcagagcacaagcagcagctgtgtgttgactctcgaggagcac 327
    : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 1203 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1144

QY 328 tggacgagcgtccagatcttgaaagagcagacacacctgagagaatggtacataagc 387
    : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 1143 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1084

QY 388 aa 389
    : :
Db 1083 RR 1082

RESULT 2
US-09-007-005-17
; Sequence 17, Application US/09007005B
; Patient No. 6258558
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihc
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FILE REFERENCE: 00786/350003
; CURRENT APPLICATION NUMBER: US/09/007,005B
; EARLIER FILING DATE: 1998-01-14
; EARLIER APPLICATION NUMBER: 60/035,963
; EARLIER FILING DATE: 1997-01-27
; EARLIER APPLICATION NUMBER: 60/064,491
; EARLIER FILING DATE: 1997-11-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 17
; LENGTH: 289
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
; NAME/KEY: misc_feature
; LOCATION: (1)..(289)
; OTHER INFORMATION: n = A,T,C or G
US-09-007-005-17

Query Match      3.6%; Score 40; DB 4; Length 289;
Best Local Similarity 5.3%; Pred. NO. 0.005;
Matches 11; Conservative 94; Mismatches 101; Indels 0; Gaps 0;

QY 53 aaactcgtlcaagaagcacaagcttgccagaagagaggttgaaagcttgagaaga 112
    :|:| : : : : :|:| : : :|:| : : :|:| : : :|:| : : :|:| : : :
Db 19 rarcrturururarcrtararururarcrtararurgnrnrsnrnrsnrnrsnrn 78
```

```
QY 113 ggccttgagaagataaagagagtggaacttctggtccgaatgcaggaaggga 172
    :|:| : : : : :|:| : : :|:| : : :|:| : : :|:| : : :|:| : : :
Db 79 rsnrnrsnrnrsnrnrsnrnrsnrnrsnrnrsnrnrsnrnrsnrnrsnrnrsnrn 138

QY 173 tccccagcgtgtatactgcagaagatgcttcataagacacagcgttgcttgaca 232
    : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 139 rsnrnrsnrnrsnrnrsnrnrsnrnrsnrnrsnrnrsnrnrsnrnrsnrnrsnrn 198

QY 233 agatgaaggaacactctacaag 258
    : : : : : : : : : : :|:| : : :|:| : : :|:| : : :|:| : : :
Db 199 rsnrnrsnrnrsnrnrsnrnrsnrnrsnrnrsnrnrsnrnrsnrnrsnrnrsnrn 224

RESULT 3
US-09-244-796-17
; Sequence 17, Application US/09244796
; Patient No. 6281344
; GENERAL INFORMATION:
; APPLICANT: Szostak, Jack W.
; APPLICANT: Roberts, Richard W.
; APPLICANT: Liu, Rihc
; TITLE OF INVENTION: SELECTION OF PROTEINS USING RNA-PROTEIN
; FILE REFERENCE: 00786/350007
; CURRENT APPLICATION NUMBER: US/09/244,796
; EARLIER FILING DATE: 1999-02-05
; EARLIER APPLICATION NUMBER: 60/035,963
; EARLIER FILING DATE: 1997-01-27
; EARLIER APPLICATION NUMBER: 60/064,491
; EARLIER FILING DATE: 1997-11-06
; EARLIER APPLICATION NUMBER: 09/007,005
; EARLIER FILING DATE: 1998-01-14
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 17
; LENGTH: 289
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Translation template
; NAME/KEY: misc_feature
; LOCATION: (1)..(289)
; OTHER INFORMATION: n = A,T,C or G
US-09-244-796-17

Query Match      3.6%; Score 40; DB 4; Length 289;
Best Local Similarity 5.3%; Pred. NO. 0.005;
Matches 11; Conservative 94; Mismatches 101; Indels 0; Gaps 0;

QY 53 aaactcgtlcaagaagcacaagcttgccagaagagaggttgaaagcttgagaaga 112
    :|:| : : : : :|:| : : :|:| : : :|:| : : :|:| : : :|:| : : :
Db 19 rarcrturururarcrtararururarcrtararurgnrnrsnrnrsnrnrsnrn 78

QY 113 ggccttgagaagataaagagagtggaacttctggtccgaatgcaggaaggga 172
    :|:| : : : : :|:| : : :|:| : : :|:| : : :|:| : : :|:| : : :
Db 79 rsnrnrsnrnrsnrnrsnrnrsnrnrsnrnrsnrnrsnrnrsnrnrsnrnrsnrn 138

QY 173 tccccagcgtgtatactgcagaagatgcttcataagacacagcgttgcttgaca 232
    : : : : : : : : : : : : : : : : : : : : : : : : : : : :
Db 139 rsnrnrsnrnrsnrnrsnrnrsnrnrsnrnrsnrnrsnrnrsnrnrsnrnrsnrn 198

QY 233 agatgaaggaacactctacaag 258
    :|:| : : : : :|:| : : :|:| : : :|:| : : :|:| : : :|:| : : :
Db 199 rsnrnrsnrnrsnrnrsnrnrsnrnrsnrnrsnrnrsnrnrsnrnrsnrnrsnrn 224

RESULT 4
US-08-594-031-152
; Sequence 152, Application US/08594031
; Patient No. 5783182
; GENERAL INFORMATION:
```

APPLICANT: THOMPSON, Timothy C.
TITLE OF INVENTION: METHOD FOR IDENTIFYING METASTATIC SEQUENCES
NUMBER OF SEQUENCES: 175
CORRESPONDENCE ADDRESS:
ADDRESSEE: BAKER & BOTTS, L.L.P.
STREET: 1299 Pennsylvania Avenue, N.W.
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20004-2400
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSRO Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/594,031
FILING DATE: 30-JAN-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/006,838
FILING DATE: 16-NOV-1995
ATTORNEY/AGENT INFORMATION:
NAME: Remenick, James
REGISTRATION NUMBER: 36,902
REFERENCE/DOCKET NUMBER: 0A146-0110
TELEPHONE: 202-639-7700
TELEFAX: 202-639-7890
TELEX:
INFORMATION FOR SEQ ID NO: 152:
SEQUENCE CHARACTERISTICS:
LENGTH: 241 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
US-08-594-031-152

Query Match 3.3%; Score 37; DB 1; Length 241;
Best Local Similarity 49.7%; Pred. No. 0.039;
Matches 94; Conservative 0; Mismatches 95; Indels 0; Gaps 0;
QY 711 gaatttcagtggttgatatacaagcagcaataaccctgaccgaacctgcccgaagatataga 770
DB 24 GAACCTGCACACATTTCGACATCAGGAGAACAGGTGACATTTCGCCAANAACAGTTGTT 83
QY 771 caagctagagagctgcagagcttctctgtataaaagaagtgacccttcccta 830
DB 84 TAAGTGGGTGAAGTTGAGACTTTGAACCTGGGCGAGACTGATCCCTCCCTGCTGA 143
QY 831 ttccatgctgaacctgaagaagctcaactcgtttagtgcagtgaggagcaatttggtgga 890
DB 144 GAAATATGATGCTGACCTGACCCAGCTCACTGAGCTGGAAGCTGAAGGCAACTGCCCTAGACCG 203
QY 891 gctcccaac 899
DB 204 CCTGCCAGC 212

RESULT 5
US-08-822-445-11
Sequence 11, Application US/08822445
Patent No. 5952223
GENERAL INFORMATION:
APPLICANT: Kaplan, Jerry
APPLICANT: Perou, Charles
APPLICANT: Moore, Karen

TITLE OF INVENTION: COMPOSITIONS FOR THE DIAGNOSIS
AND TREATMENT OF CHEDIAK-HIGASHI SYNDROME
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036/2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSRO Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/822,445
FILING DATE: 21-MAR-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7853-062-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-790-9090
TELEFAX: 212-869-8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 12225 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: CDS
LOCATION: 190..11208
US-08-822-445-11

Query Match 3.2%; Score 35.6; DB 2; Length 12225;
Best Local Similarity 47.3%; Pred. No. 1.3;
Matches 107; Conservative 0; Mismatches 119; Indels 0; Gaps 0;
QY 837 gctgaacctgaagaagctcaactcgttagtcgttaagtgaggaccatttggtggagccccc 896
DB 7722 GCAGAGACTGACAGGCGCTGTTTACAGCTCACAGGATTAATTTATCAAGATTAA 7781
QY 897 aactgccccttgtagctcatccacaccttaaaattgtaagccttatggaacatccat 956
DB 7782 TTTCAGACATTATTTGACATTTTGAGAACTCCAGAAATGTAACTCAAGCAAGACTCAGT 7841
QY 957 tgataatgcccgaatgtagaatgagcaatgaataatgaagtgaaagtgaaagtgagcgcaaca 1016
DB 7842 TTTCACAGACCGAAATTTCTGAGGAATATTCATCATGAAACAGCTCTGTTTCAATWC 7901
QY 1017 tttagataagaagttatgaaagcctatatatgaaagccttaaaaga 1062
DB 7902 ATTTCAGAAAGAAATTTTACATATCTGTGTAAGAGATTCAAGTA 7947

RESULT 6
US-08-822-445-9
Sequence 9, Application US/08822445
Patent No. 5952223
GENERAL INFORMATION:
APPLICANT: Kaplan, Jerry
APPLICANT: Perou, Charles
APPLICANT: Moore, Karen
TITLE OF INVENTION: COMPOSITIONS FOR THE DIAGNOSIS
AND TREATMENT OF CHEDIAK-HIGASHI SYNDROME
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:

```
ADDRESSER: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036/2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/822.445
FILING DATE: 21-MAR-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Coruzzi, Laura A.
REGISTRATION NUMBER: 30,742
REFERENCE/DOCKET NUMBER: 7853-062-999
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-790-9090
TELEFAX: 212-869-8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 12616 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: CDS
LOCATION: 190..11592
US-08-822-445-9
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Query Match
Best Local Similarity 47.3%; Score 35.6; DB 2; Length 12616;
Matches 107; Conservative 0; Mismatches 119; Indels 0; Gaps 0;

QY 837 gctgaacctgaagaagctactctgttagtcagtgaggagccatttgytgcgctccc 896
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 8109 GCAGGAGCTACAGAGGCTGCTTTTTCAGTCAACAGATTTATTCAGAAATTAA 8168

QY 897 aacgccccttgcgtactaccacaccttaaaattgtgaagcctatgacacccat 956
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 8169 TTCAGACATTTATTCATTTTGAAGAACTCCAGAAATGTACTCAACAGACCTCAGT 8228

QY 957 tgataatgcccaatgtagaagatgcaatgaataatggaagtgaaagcgagtcgccaaca 1016
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 8229 TTTCCAGACCGAAATTTCTGTGAGAAATATTCATCATGATGAACAGTCTTCTGTTCATATCC 8288

QY 1017 ttctgataaagaagatgtaagaagcctatatatgaagacctaagaaga 1062
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 8289 ATTTCAGAAAGAAATTTTTCATATTCGTGTGAGAAAGATTCAAGTA 8334
```

```
RESULT 7
US-08-423-564-3
; Sequence 3, Application US/08423564
; Patent No. 5654417
; Patent No. 5654417 5654417
; GENERAL INFORMATION:
; APPLICANT: Tair, Phillip I.
; APPLICANT: Bilge, Sima S.
; APPLICANT: Vary, Jr., James C.
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR DETECTING E. COLI O157:H7
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Christiansen, O'Connor, Johnson, Kindness
; STREET: 1420 5th Ave., Suite 2800
; CITY: Seattle
; STATE: WA
```

```
COUNTRY: USA
ZIP: 98101-2347
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/423.564
FILING DATE: 14-APR-1995
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Broderick, Thomas F.
REGISTRATION NUMBER: 31,332
REFERENCE/DOCKET NUMBER: CHOR-1-8116
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 682-8100
TELEFAX: (206) 224-0779
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1095 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
DESCRIPTION: nucleotides 1029-2123 of SEQ ID NO:1
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Escherichia coli
US-08-423-564-3
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Query Match
Best Local Similarity 54.1%; Score 35.4; DB 1; Length 1095;
Matches 72; Conservative 0; Mismatches 61; Indels 0; Gaps 0;

QY 942 tatggacatctcttataatgcccacatgtgaagatgacatgaataaagaaga 1001
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 693 TATTCGCGCTGTATGAGATTAGCCCGCTGAGAACAGCTGATGATTTATATCAGCAA 752

QY 1002 acgggatgcacaatttgaagaagttaagaagcctatatgaagacctaaga 1061
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
DB 753 ACGTGAATTTGCTGATATTATTAATAAATAATATCAACAGCTGTGTACAGATCCACAAGA 812

QY 1062 aagaagatcgtt 1074
    ||| ||| ||| |||
DB 813 AAGTAAGATGTT 825
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RESULT 8
US-08-423-564-4
; Sequence 4, Application US/08423564
; Patent No. 5654417
; Patent No. 5654417 5654417
; GENERAL INFORMATION:
; APPLICANT: Tair, Phillip I.
; APPLICANT: Bilge, Sima S.
; APPLICANT: Vary, Jr., James C.
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR DETECTING E. COLI O157:H7
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: Christiansen, O'Connor, Johnson, Kindness
; STREET: 1420 5th Ave., Suite 2800
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98101-2347
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/423,564
; FILING DATE: 14-APR-1995
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Broderick, Thomas F.
; REGISTRATION NUMBER: 31,332
; REFERENCE/DOCKET NUMBER: CHOR-1-8116
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 682-8100
; TELEFAX: (206) 224-0779
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1287 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; DESCRIPTION: nucleotides 913-2199 of SEQ ID NO:1
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Escherichia coli
;
; US-08-423-564-4
```

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Query Match          3.2%; Score 35.4; DB 1; Length 1287;
Best Local Similarity 54.1%; Pred. No. 0.36;
Matches 72; Conservative 0; Mismatches 61; Indels 0; Gaps 0;
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Qy 942 tatggacaatcctattgataatgcccaatggaagatggcaatgaataatggaagtga 1001
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Db 809 TATCTGGCGCTGCTATAGATTAGCCAGTTAGAACAGCTGATTTTATATACAGAA 868

Qy 1002 acgggatccgaacatttgataaagaagtataaagacctatattgaagaccttaaga 1061
    |||  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
Db 869 ACGTGAATTGCTGATTTATATAAAAAAATATCAACAGTCTGTACAAAGTCCACAAGA 928

Qy 1062 aagagaatctgt 1074
    |||  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
Db 929 AAGTAAGATGTT 941
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RESULT 9
; US-08-423-564-7
; Sequence 7, Application US/08423564
; Patent No. 5654417
; Patent No. 5654417 5654417
; GENERAL INFORMATION:
; APPLICANT: Tarr, Phillip I.
; APPLICANT: Bilge, Sima S.
; APPLICANT: Vary, Jr., James C.
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR DETECTING E. COLI O157:H7
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Christiansen, O'Connor, Johnson, Kindness
; STREET: 1420 5th Ave., Suite 2800
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98101-2347
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/423,564
; FILING DATE: 14-APR-1995
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Broderick, Thomas F.
; REGISTRATION NUMBER: 31,332
```

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; REFERENCE/DOCKET NUMBER: CHOR-1-8116
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 682-8100
; TELEFAX: (206) 224-0779
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2168 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; DESCRIPTION: nucleotides 32-2199 of SEQ ID NO:1
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Escherichia coli
;
; US-08-423-564-7
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Query Match          3.2%; Score 35.4; DB 1; Length 2168;
Best Local Similarity 54.1%; Pred. No. 0.5;
Matches 72; Conservative 0; Mismatches 61; Indels 0; Gaps 0;
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Qy 942 tatggacaatcctattgataatgcccaatggaagatggcaatgaataatggaagtga 1001
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Db 1690 TATCTGGCGCTGCTATAGATTAGCCAGTTAGAACAGCTGATTTTATATACAGAA 1749

Qy 1002 acgggatccgaacatttgataaagaagtataaagacctatattgaagaccttaaga 1061
    |||  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
Db 1750 ACGTGAATTGCTGATTTATATAAAAAAATATCAACAGTCTGTACAAAGTCCACAAGA 1809

Qy 1062 aagagaatctgt 1074
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Db 1810 AAGTAAGATGTT 1822
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RESULT 10
; US-08-423-564-1
; Sequence 1, Application US/08423564
; Patent No. 5654417
; Patent No. 5654417 5654417
; GENERAL INFORMATION:
; APPLICANT: Tarr, Phillip I.
; APPLICANT: Bilge, Sima S.
; APPLICANT: Vary, Jr., James C.
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR DETECTING E. COLI O157:H7
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Christiansen, O'Connor, Johnson, Kindness
; STREET: 1420 5th Ave., Suite 2800
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98101-2347
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/423,564
; FILING DATE: 14-APR-1995
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Broderick, Thomas F.
; REGISTRATION NUMBER: 31,332
; REFERENCE/DOCKET NUMBER: CHOR-1-8116
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 682-8100
; TELEFAX: (206) 224-0779
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2255 base pairs
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Db	1894	TCTTAATGAGACTATTCCTCCTTCATTTTGGCAATATGAGAAATTCGCAAGCTCTGATTCT	1953
Qy	591	ttctcgaaactctgaataatgaagctgcgcccttgaataaagtaattgaaagcaagttac	650
Db	1954	CAATGATTAACAATTCCTATTTGGGGAATTCCTTCATCTGTGTGCAATTGGACATCACTGGA	2013
Qy	651	attgtagatcatctcagcaacaagtt	677
Db	2014	AGTGTGTATATGCCGAGAAACAATTT	2040

RESULT 13
US-09-353-585-1

Sequence 1, Application US/09353585
 Patent No. 6287865
 GENERAL INFORMATION:
 APPLICANT: Dixon, Mark S
 Jones, David A
 Jones, Jonathan DG
 TITLE OF INVENTION: Plant pathogen resistance genes and uses
 thereof
 ADDRESS OF CORRESPONDENT:

PRIOR APPLICATION DATA:

ATTORNEY/AGENT INFORMATION:

; INFORMATION FOR SEQ ID NO: 1:

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? SEQUENCE CHARACTERISTICS:
? LENGTH: 6471 base pairs
? TYPE: nucleic acid
? STRANDEDNESS: double
? TOPOLOGY: linear
? MOLECULE TYPE: DNA (genomic)
? HYPOTHETICAL: NO
? ORIGINAL SOURCE:
?
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; STRAIN: CF2
;
FEATURE:

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; NAME/KEY: mat_peptide
; LOCATION: 1754..5012
;
; FEATURE:
; NAME/KEY: slg_peptide
; LOCATION: 1677..1753
;

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SEQUENCE DESCRIPTION:	SEQ ID NO: 1
US-09-353-585-1	

Query Match	3.1%	Score 34.2;	DB 4;	Length 6471;
Best Local Similarity	51.2%;	Pred. No. 2.4;		
Matches 106;	Conservative 0;	Mismatches 98;	Indels 3;	Gaps 1;

OY	474	tctccagcagaatcggtggttlttggaacacctggaagcaactcaatgtyggtttaacta	533
Db	3518	TATTCCTCGAAGAAATAGTACTTGAGTTCTCTACTTATCTATTGGGTAATACTC	3577
OY	534	tctgaagag---catctccacagaattggagagtgtgaaatctlagagagctgatg	590
Db	3578	TCTTAATGGAAGCTATTCTCTCTCATTTGGCAATATGAGAANAATGCCAACGCCTATTC	3637
OY	591	tcttcggaactcgaattaatgtagcgtgccctltgaataaagtaattvgaagaagtac	650
Db	3638	CNAATGATACCAATCTCATTTGGGGAAMTCCCTTCATCTGTGTCGCAATTTGACATCACTGSA	3697
OY	651	attgtatatactcagacaagaagt	677
Db	3698	AGTCTTGTATATGCCAGAAACAATTT	3724

RESULT 14

US-08-688-376-1
; Sequence 1, Application US/08688376
; Patent No. 6018039

1 GENERAL INFORMATION:
2 APPLICANT: Sawto, Hiroyasu
3 TITLE OF INVENTION: NOVEL PROCESS FOR PRODUCING SUBSTANCES
4 TITLE OF INVENTION: IN MAMMARY GLAND OF TRANSGENIC ANIMAL BY USING MC26 GENE
5 TITLE OF INVENTION: EXPRESSION-REGULATORY REGION
6 NUMBER OF SEQUENCES: 8
7 CORRESPONDENCE ADDRESS:

COMPUTER READABLE FORM:

```

? MEDIUM TYPE: Floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: Patent In Release #1.0, Version #1.30
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/08/688,376
? FILING DATE: 30-JUL-1996

```

TELEPHONE: 619-546-4410

```

? TELEFAX: 619-433-2839
? INFORMATION FOR SEQ ID NO: 1:
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? SEQUENCE CHARACTERISTICS:
?     LENGTH: 5394 base pairs
?     TYPE: nucleic acid
?     STRANDEDNESS: double
?     TOPOLOGY: linear
?     MOLECULE TYPE: DNA (genomic)

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; NAME/KEY: CAAT_signal
; LOCATION: 2234..2243
;

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; FEATURE:
; NAME/KEY: TATA_signal
; LOCATION: 2275..2281
; FEATURE:

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; NAME/KEY: polyA_signal
; LOCATION: 4607..4612
US-08-6888-376-1

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